

CLAIMS

1. A device for visual positioning, of the type  
5 comprising a fixed scale (2) mounted on a base (1)  
defining an axis (Y), intended to be pointed  
toward a first landmark (5), at least two movable  
scales (6, 7) demarcating axes (X, Z) concurrent  
10 with the axis (Y) and intended to be pointed  
toward other landmarks (10, 13), articulated about  
an assembly piece (22) fixed to the base (1)  
provided at its center with a perforation (14), at  
least one orientable plate (15) or an orientable  
15 prism mounted on a pivot inserted in a removable  
manner in said perforation (14), said plate (15)  
or said prism allowing simultaneously direct  
sighting of the first landmark (5) and reflected  
sighting of at least one of the other landmarks  
20 (10, 13), characterized in that it comprises means  
for facilitating and curtailing the positioning of  
the axes (X, Y, Z) subsequent to or simultaneously  
with the orientation of the plate (15) or of the  
prism.
- 25 2. The device as claimed in claim 1, characterized in  
that said fixed scale (2) is placed between two  
movable scales (6, 7).
- 30 3. The device as claimed in claim 1 or 2,  
characterized in that said means for facilitating  
and curtailing the positioning of the axes (X, Y,  
Z) are constituted by a graduated ring (19)  
fashioned on the periphery of the base (1).
- 35 4. Device according to one of claims 1 to 3,  
characterized in that said means are constituted  
by means making it possible to slave the rotation  
of said movable scales (6, 7) to the rotation of  
the at least one plate (15) or prism.

5. The device as claimed in claim 4, characterized in that said means making it possible to slave the rotation of the movable scales (6, 7) to the rotation of the at least one plate (15) or prism comprise notched sectors (22) carried by the movable scales (6, 7), notched wheels (24) associated with said notched sectors (22), and at least one notched wheel (25) that can be rendered integral with the plate (15) or with the prism and associated with at least one pinion (27) that can be meshed with one or other of the notched sectors (22).
6. The device as claimed in claim 5, characterized in that it comprises a number of plates (15) or prisms, of notched wheels (25) and of pinions (26) which is equal to the number of movable scales (6, 7).
7. The device as claimed in one of claims 1 to 6, characterized in that said plate (15) comprises a recessed part (16), of which an edge (17) is situated on the axis of articulation (T) of the movable scales (6, 7) and a reflecting part (18) on at least one of its faces.
8. The device as claimed in one of claims 1 to 6, characterized in that said plate (15) is both transparent and reflecting over the whole of its surface.
9. The device as claimed in one of claims 1 to 8, characterized in that said scales (2, 6, 7) comprise foresights (4, 9, 12) situated on said axes (Y, X, Z).